

Algorithms classes at MIT: (post-6.006)

- #1: 6.046: Intermediate Algorithms  
(more adv. algorithms & analysis, less coding)
- 6.047: Computational Biology  
(genomes, phylogeny, etc.)
- 6.854: Advanced Algorithms  
(intense survey of whole field)
- 6.850: Geometric Computing  
(working with points, lines, polygons, meshes, ...)
- 6.851: Advanced Data Structures  
(sublogarithmic performance)
- 6.852: Distributed Algorithms  
(reaching consensus in a network with faults)
- 6.855: Network Optimization  
(optimization in graph: beyond shortest paths)
- 6.856: Randomized Algorithms  
(how randomness makes algs. simpler & faster)
- 6.857: Network and Computer Security  
(cryptography)
- 6.885: Geometric Folding Algorithms

\* TODAY

## Other theory classes:

- 6.045: Automata, Computability, & Complexity
- 6.840: Theory of Computing
- 6.841: Advanced Complexity Theory
- 6.842: Randomness & Computation